

[Continuous Reforming Catalyst](#)

Continuous Reforming Catalyst

Continuous Reforming Catalyst CRM-TNEO The CRM-TNEO new generation continuous reforming catalyst has low noble metal content, and makes use of the dual metal (Sn-Pt) as its metal activity components. The catalyst is sphere-shaped, with the particle size of $\phi 1.4\sim 2.0\text{mm}$.

Physical Properties

Chemical Composition	Pt-Sn-Al ₂ O ₃
Shape	Spheres
Particle Size (mm)	$\phi 1.4\sim 2.0$
Bulk Density (kg/l)	0.54~0.58
Crushing Strength (N/particle)	Min. 39
Surface Area (m ² /g)	180~220
Pore Volume (ml/g)	Min. 0.7
Attrition Loss (W %)	Max. 4.0

Operation Conditions

Process Parameters	Pressure (MPa)	Temperature (°C)	Volume Space Velocity (hr ⁻¹)
	0.34	485	1.2
Feedstock	The hydrotreated feedstock for reforming of Yanshan Petrochemical Company; aromatics potential content 38.78m%		
Product	Aromatics generation rate 62.2%		

Packing: Shrink wrap the continuous reforming catalyst in 200L steel drums lined with plastic bags, with 3 or 4 drums per pallet.

Continuous Reforming Catalyst CRM-TNSO

The CRM-TNSO, a new type continuous reforming catalyst, uses high purity $\gamma\text{-Al}_2\text{O}_3$ as carrier and Pt, and Sn as active components. With long life cycle, the catalyst used for continuous reforming offers best value for money. The continuous reforming catalyst is shaped like a sphere, with particle diameter of 1.4-2.0mm.

Physical Properties

Item	Standard	Item	Standard
Chemical Composition	Pt-Sn-Al ₂ O ₃	Shape	Spheres
Bulk Density (kg/l)	0.54-0.58	Dimension (mm)	$\phi 1.4\text{-}2.0$
Crushing Strength (N/mm)	Min. 39	Pore Volume (ml/g)	Min. 0.7
Specific Surface Area (m ² /g)	180-220	Attrition Loss (m %)	Max. 4.0

Operation Conditions

Technical Parameters	Pressure (MPa)	Temperature (°C)	Volume Space Velocity (hr ⁻¹)	Hydrogen to Oil Molecule Ratio
	0.69	530	2.0	800
Feedstock	Refined straight-run naphtha, aromatic potential content 41.56%			
Product	Aromatic converting rate, min.140%			

Packing: Shrink wrap the continuous reforming catalyst in 200L steel drums lined with plastic bags, with 3 or 4 drums per pallet.

Chempack is a professional Chinese continuous reforming catalyst manufacturer and supplier. Since our beginning, we strive to manufacture quality products for worldwide customers by introducing sophisticated technologies and equipment. As a result of continuous efforts over the past 40 years, our company has received the ISO9001:2000 certification. With reliable quality and stable performance, our oxygen removal, alumina support ball, tower packing, etc. are now very popular with customers both in the domestic and overseas markets. We at Chempack welcome you to contact us and try our products. Our staff looks forward to working with more global customers.

FEED BACK FORM

E-mail:

Message:

Product Name:

Your Name:

Company:

FAX / TEL:

MSN/SKYPE

Address: